



HARGIS + ASSOCIATES, INC.

APPENDIX B

FIELD FORMS

LOW FLOW WELL MONITORING DATA SHEET

Project #: 070709-AW1	Client: Hargis & Harrison
Sampler: NH	Start Date: 7/12/07
Well I.D.: TR-3	Well Diameter: 2 3 (4) 6 8
Total Well Depth:	Depth to Water 000 (Artesian) 2 psi
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: 755556

Purge Method: 2" Grundfos Pump

Sampling Method: Dedicated Tubing

Flow Rate: 200 mL/min

Peristaltic Pump

New Tubing

Pump Depth: 235'

Bladder Pump

Other

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW
1024	28.53	7.55	1074	1	0.96	59.7	800	top of 0.68
1028	29.18	7.55	1075	1	0.92	52.3	1600	0.75
1032	29.34	7.56	1079	1	0.78	48.4	2400	0.78
1036	28.67	7.56	1076	1	0.67	43.3	3200	0.78
1040	28.75	7.56	1075	1	0.65	40.4	4000	0.79
1044	28.78	7.56	1079	1	0.65	39.1	4800	0.81
1048				End	Line			

Did well dewater? Yes ☒ No

Amount actually evacuated: 48000

Sampling Time: 1125

Sampling Date: 7/12/07

Sample I.D.: TR-3-0707

Laboratory: TA

Analyzed for: TPH-G BTEX MTBE TPH-D

Other: See SOW

Equipment Blank I.D.:

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Time

Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET *& MS/MSD*

Project #: 070709-AW1	Client: Hargis@Lundberg
Sampler: NN	Start Date: 7/12/07
Well I.D.: TR-1	Well Diameter: 2 3 ④ 6 8
Total Well Depth:	Depth to Water 0.00 (Arden) 5kPa
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVO Grade	Flow Cell Type: YSI556

Purge Method: 2" Grundfos Pump
Sampling Method: Dedicated Tubing

Peristaltic Pump
New Tubing

Bladder Pump
Other

Flow Rate: 2.00 mL/min

Pump Depth: 297'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW
705	25.48	7.82	1125	1	5.53	181.3	800	0.63
709	25.64	7.85	1123	1	5.44	173.9	1600	0.75
713	25.71	7.85	1122	1	5.42	170.1	2400	0.89
717	25.79	7.86	1122	1	5.40	165.6	3200	1.10
721	25.83	7.86	1123	1	5.39	161.9	4000	1.25
End Line								

Did well dewater? Yes No

Amount actually evacuated: 4000

Sampling Time: 840

Sampling Date: 7/12/07

Sample I.D.: TR-1-0707

Laboratory: TA

Analyzed for: TPH-G BTEX MTBE TPH-D

Other: See SOW

Equipment Blank I.D.: @ Time

Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 070709-NH1	Client: Hugs @ Henderson
Sampler: NH	Start Date: 7/12/07
Well I.D.: B-18	Well Diameter: 2 3 (4) 6 8
Total Well Depth:	Depth to Water 41.98
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PGC Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other
 Flow Rate: 400 mL/min Pump Depth: 50'

Time	Temp. (C or F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or gal)	DTW
1207	31.96	7.26	2468	38	0.22	-246.3	1600	42.06
1211	33.03	7.27	2475	33	0.15	-241.4	3200	42.07
1215	33.31	7.28	2479	19	0.13	-261.8	4800	42.10
1218	33.25	7.28	2481	20	0.14	-277.6	6400	42.10
1223	33.35	7.30	2525	19	0.14	-251.7	8000	42.11
1227	33.32	7.31	2558	18	0.18	-285.4	9600 gal	42.12
1231	33.40	7.32	2569	18	0.17	-281.4	11,200	42.12
				End	Line			

Did well dewater? Yes ☒ No Amount actually evacuated: 11,200 gal

Sampling Time: 1245 Sampling Date: 7/12/07

Sample I.D.: B-18-0707 Laboratory: TA

Analyzed for: TPH-G BTEX MTBE TPH-D Other: See SOW

Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 070709-AW1	Client: Hargis & Henderson
Sampler: NH	Start Date: 7/12/07
Well I.D.: B-17- 6	Well Diameter: 2 3 (4) 6 8
Total Well Depth:	Depth to Water 45.43
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVO Grade	Flow Cell Type: YSI556

Purge Method: 2" Grundfos Pump

Sampling Method: Dedicated Tubing

Flow Rate: 400ml/min

Peristaltic Pump

New Tubing

Pump Depth: 54'

Bladder Pump

Other

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or ml)	DTW
1315	30.77	7.15	4545	6	0.44	-75.6	1600	45.62
1319	30.10	7.14	4526	4	0.35	-72.1	3200	45.63
1323	31.57	7.15	4546	4	0.31	-74.3	4800	45.63
1327	32.12	7.15	4544	3	0.33	-73.6	6400	45.64
1331	32.19	7.15	4551	3	0.33	-72.7	8000	45.65
1335	32.25	7.15	4547	3	0.33	-70.6	9600	45.66
				End	line			

Did well dewater? Yes No

Amount actually evacuated: 9600

Sampling Time: 1350

Sampling Date: 7/12/07

Sample I.D.: B-17-0707

Laboratory: TA

Analyzed for: TPH-G BTEX MTBE TPH-D

Other: See SOW

Equipment Blank I.D.: @ Time

Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 070709-AW1	Client: Hargis
Sampler: NH	Start Date: 7/09/07
Well I.D.: mw-4	Well Diameter: ② 3 4 6 8
Total Well Depth:	Depth to Water 17.67
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: POC Grade	Flow Cell Type: 45T 556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Flow Rate: 500 mL/min Pump Depth: 28'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW
1300	27.97	7.00	5355	34	1.07	-52.1	2000	17.67
1304	28.64	7.01	5373	30	0.86	-98.8	4000	17.67
1308	28.67	7.02	5354	16	0.82	-107.6	8000	17.67
1312	28.81	7.02	5374	6	0.81	-111.5	10,000	17.67
1316	28.82	7.03	5377	4	0.83	-118.1	12,000	17.67
1320	28.85	7.03	5382	3	0.82	-122.0	14000	17.67
				End	Line			

Did well dewater? Yes No Amount actually evacuated: 14000 mL

Sampling Time: 1340 Sampling Date: 7/09/07

Sample I.D.: mw-4-0707 Laboratory: TA

Analyzed for: TPH-G BTEX MTBE TPH-D Other: See SOW

Equipment Blank I.D.: @ Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 070709-AW1	Client: Hargis @ Henderson
Sampler: ALH	Start Date: 7/17/07
Well I.D.: H-21R	Well Diameter: 2 3 ④ 6 8
Total Well Depth:	Depth to Water 32.41
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVG Grade	Flow Cell Type: YSD 556

Purge Method: 2" Grundfos Pump

Sampling Method: Dedicated Tubing

Peristaltic Pump

New Tubing

Bladder Pump

Other

Flow Rate: 500 mL/min

Pump Depth: 38'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW
800	27.32	6.92	36478	4	0.54	-140.3	2000	32.46
804	28.17	6.95	37718	4	1.84	-158.1	4000	32.46
808	28.38	6.98	38298	1	1.04	-163.7	6000	32.47
812	28.45	6.95	38474	1	0.93	-166.1	8000	32.47
816	28.44	6.98	38435	1	0.89	-166.0	10,000	32.47
820	28.43	6.95	38404	1	0.87	-166.0	12,000	32.47
				End	line			

Did well dewater? Yes ☒

Amount actually evacuated: 12,000

Sampling Time: 835

Sampling Date: 7/17/07

Sample I.D.: H-21R-0707

Laboratory: TA

Analyzed for: TPH-G BTEX MTBE TPH-D

Other: See 50 ~

Equipment Blank I.D.: PL-506-0707 @ Time 850

Duplicate I.D.:

TD 071707 ES 075

LOW FLOW WELL MONITORING DATA SHEET

Project #: 070709-AW1	Client: Hargis @ Henderson
Sampler: NH	Start Date: 7/17/07
Well I.D.: TR-11	Well Diameter: 2 3 (4) 6 8
Total Well Depth:	Depth to Water 0.00 Artesian
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: RQC Grade	Flow Cell Type: VSI 556

Purge Method: 2" Grundfos Pump

Sampling Method: Dedicated Tubing

Flow Rate: 500 mL/min

Peristaltic Pump

New Tubing

Pump Depth:

Bladder Pump

Other

220'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW
657	25.67	7.95	1144	1	5.87	138.0	2000	0.00
701	25.74	7.98	1123	1	5.75	134.2	4000	0.00
705	25.77	7.99	1121	1	5.94	132.2	6000	0.00
709	25.88	7.98	1118	1	5.93	129.0	8000	0.00
713	25.91	7.99	1119	1	5.93	126.6	10,000	0.00
				End Line				

Did well dewater? Yes No

Amount actually evacuated: 10,000

Sampling Time: 730

Sampling Date: 7/17/07

Sample I.D.: TR-11-0707

Laboratory: TA

Analyzed for: TPH-G BTEX MTBE TPH-D

Other: See SW

Equipment Blank I.D.:

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Time

Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 070709-AW1	Client: Hargis, R. Henderson
Sampler: NH	Start Date: 7/16/07
Well I.D.: MC-50	Well Diameter: ② 3 4 6 8
Total Well Depth:	Depth to Water 28.04
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVE Grade	Flow Cell Type: V/SI556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Flow Rate: 500ml/min Pump Depth: 48'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW
936	27.38	7.11	17630	19	0.67	113.2	2000	28.10
940	27.48	7.13	17362	21	0.81	88.2	4000	28.12
944	27.64	7.15	17194	24	0.94	54.3	6000	28.13
948	27.81	7.16	17005	20	1.67	58.5	8000	28.14
952	27.92	7.17	16428	6	1.43	52.0	10,000	28.15
956	27.98	7.17	16841	5	1.00	37.3	12,000	28.15
1000	28.01	7.18	16895	5	0.80	31.1	14,000	28.15
1004	27.99	7.18	16865	5	0.66	30.8	16,000	28.15
1008	28.08	7.18	16850	5	0.65	25.4	18,000	28.15
1012	28.05	7.18	16844	5	0.63	20.1	20,000	28.15
				End	Line	←	←	←

Did well dewater? Yes <input checked="" type="radio"/> No	Amount actually evacuated: 20,000 mL
Sampling Time: 1020	Sampling Date: 7/16/07
Sample I.D.: MC-50-0707	Laboratory: TA
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: Seesaw
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 070709-M/AW1	Client: Hargis @ Henderson
Sampler: NA	Start Date: 7/16/07
Well I.D.: MC-51-0707	Well Diameter: 2 3 4 6 8
Total Well Depth:	Depth to Water 28.97
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YST 554

Purge Method: 2" Grundfos Pump

Sampling Method: Dedicated Tubing

Peristaltic Pump

New Tubing

Bladder Pump

Other

Flow Rate: 400 ml/min

Pump Depth: 35'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW
1100	31.86	7.23	16043	67	2.16	50.7	1600	28.97
1104	30.29	7.20	16352	22	0.60	38.4	3200	28.97
1108	30.05	7.21	16410	6	0.58	210.8	4800	28.98
1112	29.94	7.21	16422	5	0.56	17.9	6400	28.98
1116	29.89	7.21	16432	2	0.55	9.9	8000	28.98
1120			End Line					

Did well dewater? Yes No

Amount actually evacuated: 8000

Sampling Time: 1130

Sampling Date: 7/16/07

Sample I.D.: MC-51-0707

Laboratory: TA

Analyzed for: TPH-G BTEX MTBE TPH-D

Other: See SOW

Equipment Blank I.D.: @ Time

Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 070709-AW1	Client: Hargis @ Henderson
Sampler: NH	Start Date: 7/16/07
Well I.D.: MC-S3	Well Diameter: 2 3 4 6 8
Total Well Depth:	Depth to Water 29.54
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: VST556

Purge Method: 2" Grundfos Pump

Sampling Method: Dedicated Tubing

Flow Rate: 200ml/min

Peristaltic Pump

New Tubing

Pump Depth: 35'

Bladder Pump

Other

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW
1317	30.05	7.00	15135	30	0.60	29.8	800	29.59
1321	29.18	6.99	15086	26	0.55	11.6	1600	29.59
1325	29.39	7.00	15092	15	0.55	-1.4	2400	29.59
1329	29.65	7.01	15087	10	0.70	-5.9	3200	29.59
1333	29.88	7.01	15085	4	0.63	-8.7	4000	29.54
1337	30.08	7.01	15117	5	0.59	-12.3	4800	29.59
1341	29.96	7.02	15118	5	0.57	-13.3	5600	29.57
1345	29.98	7.02	15108	4	0.56	-12.9	6400	29.57
			End Line					

Did well dewater? Yes ☒ No

Amount actually evacuated: 6400

Sampling Time: 1400

Sampling Date: 7/16/07

Sample I.D.: MC-S3-0709

Laboratory: TA

Analyzed for: TPH-G BTEX MTBE TPH-D

Other: See SDS

Equipment Blank I.D.: @ Time

Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 070709-NH1	Client: Hargis @ Henderson
Sampler: NH	Start Date: 7/13/07
Well I.D.: MC-49+	Well Diameter: ② 3 4 6 8
Total Well Depth:	Depth to Water 27.70
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVE Grade	Flow Cell Type: VSI556

Purge Method: 2" Grundfos Pump

Sampling Method: Dedicated Tubing

Flow Rate: 500 mL/min

Peristaltic Pump

New Tubing

Pump Depth: 32'

Bladder Pump

Other

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW
927	26.96	7.04	16863	10	0.33	-70.0	2000	27.70
931	27.59	7.07	16738	5	0.25	-80.7	4000	27.71
935	27.67	7.08	16754	4	0.29	-84.1	6000	27.73
939	27.72	7.09	16752	4	0.37	-88.5	8000	27.75
943	27.74	7.09	16744	4	0.38	-83.4	10,000	27.76
947	27.78	7.10	16754	3	0.39	-81.8	12,000	27.77
End Line								

Did well dewater? Yes No

Amount actually evacuated: 12,000

Sampling Time: 1000

Sampling Date: 7/13/07

Sample I.D.: MC-49-0707

Laboratory: JA

Analyzed for: TPH-G BTEX MTBE TPH-D

Other: See SOW

Equipment Blank I.D.: @ Time

Duplicate I.D.: PL-504-0707 1015

LOW FLOW WELL MONITORING DATA SHEET

Project #: 070709-AW1	Client: Hargis @ Henderson
Sampler: NW	Start Date: 7/13/07
Well I.D.: ML-46-0707-M	Well Diameter: ② 3 4 6 8
Total Well Depth:	Depth to Water 27.76
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: Hand Pipe PVC Grade	Flow Cell Type: YSE 556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other
 Flow Rate: 300-400 gpm Pump Depth:

Time	Temp. (°C) or (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW
1024	28.12	7.56	16302	12	0.407	53.4	1200	27.87
1028	27.89	7.23	16514	3	0.86	34.5	2400	27.88
1032	28.53	7.20	16578	3	0.71	27.7	3600	27.88
1036	29.13	7.20	16623	3	0.66	16.9	4800	27.89
1040	29.10	7.22	16678	3	0.76	12.9	6000	27.89
1044	29.06	7.21	16682	3	0.64	11.4	7200	27.89
1048	29.05	7.22	16688	3	0.63	11.0	8400	27.89
				End	Line			

Did well dewater? Yes No Amount actually evacuated: 8400

Sampling Time: 1105 Sampling Date: 7/13/07

Sample I.D.: ML-46-0707 Laboratory: TA

Analyzed for: TPH-G BTEX MTBE TPH-D Other: See 50W

Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 070709-AW1	Client: Hargis & Henderson
Sampler: NH	Start Date: 7/13/07
Well I.D.: MC-47	Well Diameter: 3 4 6 8
Total Well Depth:	Depth to Water 34.45
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: JESS6

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other
 Flow Rate: 250 mL/min Pump Depth: 40'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW
653	26.06	7.34	11248	7	2.28	154.2	1000	34.45
657	26.68	7.35	11260	5	2.45	128.4	2000	34.45
701	26.08	7.35	11304	5	2.48	107.9	3000	34.46
705	27.67	7.36	11314	4	2.41	83.8	4000	34.46
709	27.76	7.36	11320	4	2.55	82.8	5000	34.46
713	27.80	7.36	11318	4	2.45	74.7	6000	34.46
End Line								

Did well dewater? Yes No	Amount actually evacuated: 6006
Sampling Time: 740	Sampling Date: 7/13/07
Sample I.D.: MC-47 ^W MC-47-0707	Laboratory: TA
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: See SOW
Equipment Blank I.D.: @	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 070709- ^{AW1} HHH	Client: Hargis @ Henderson
Sampler: NW	Start Date: 7/13/07
Well I.D.: ML-48	Well Diameter: 2 3 4 6 8
Total Well Depth:	Depth to Water 29.78
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: VSI 554

Purge Method: 2" Grundfos Pump

Sampling Method: Dedicated Tubing

Flow Rate: 300 mL/min

Peristaltic Pump

New Tubing

Pump Depth:

Bladder Pump

Other

Time	Temp. (°C or °F)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW
817	26.57	7.09	16753	8	0.80	43.2	1200	29.81
821	27.06	7.09	16745	5	0.66	34.4	2400	29.81
825	27.74	7.09	16755	5	0.62	30.0	3600	29.81
829	28.63	7.09	16800	4	0.62	19.3	4800	29.81
833	28.89	7.09	16814	4	0.68	19.8	6000	29.81
837	28.97	7.08	16806	4	0.69	16.0 ^m	7200	29.81
841	28.97	7.08	16808	4	0.67	15.8	8400	29.81
				End	Line			

Did well dewater? Yes ☒ No

Amount actually evacuated: 8400

Sampling Time: 855

Sampling Date: 7/13/07

Sample I.D.: ML-48-0707

Laboratory: TA

Analyzed for: TPH-G BTEX MTBE TPH-D

Other: See SOW

Equipment Blank I.D.: @ Time

Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 070709-AW1	Client: Hargis/2 Henderson
Sampler: NW	Start Date: 7/11/07
Well I.D.: PL-055	Well Diameter: 2 3 4 6 8
Total Well Depth:	Depth to Water 26.30
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: RVC Grade	Flow Cell Type: VSI 556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other
 Flow Rate: 500 ml/min Pump Depth: 40.0

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or gal)	DTW
7:08	25.24	7.21	10308	7	3.70	168.2	2000	26.31
7:12	25.69	7.21	10278	3	3.74	145.3	4000	26.33
7:16	26.26	7.23	10297	3	3.43	122.0	6000	26.33
7:20	26.63	7.23	10277	3	3.47	110.3	8000	26.33
7:24	26.80	7.24	10320	3	3.20	103.7	10,000	26.33
7:28	26.90	7.24	10324	2	3.25	90.0	12,000	26.33
7:32	26.95	7.24	10335	2	3.17	86.6	14,000	26.33
				End	Line			

Did well dewater? Yes No	Amount actually evacuated: 14,000
Sampling Time: 750	Sampling Date: 7/11/07
Sample I.D.: PL-055-0707	Laboratory: TA
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: See SOW
Equipment Blank I.D.: @	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 070709-1111	Client: Hargis @ Henderson
Sampler: NL	Start Date: 7/11/07
Well I.D.: PC-031	Well Diameter: 2 3 4 6 8
Total Well Depth:	Depth to Water 11.06
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: 451556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other
 Flow Rate: 500ml/min Pump Depth: 32'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW
820	28.62	7.29	8965	421	0.53	96.1	2000	11.02
824	28.68	7.29	8943	138	0.37	50.6	4000	11.02
828	28.86	7.29	8952	70	0.33	30.2	6000	11.03
832	28.97	7.29	8940	62	0.38	18.5	8000	11.04
836	28.98	7.29	8941	61	0.69	13.0	10,000	11.05
840	28.99	7.29	8924	59	0.65	9.7	12,000	11.06
844	28.99	7.29	8928	58	0.66	8.9	14,000	11.07
End Line								

Did well dewater? Yes <input checked="" type="checkbox"/> No	Amount actually evacuated: 14,000
Sampling Time: 9:10	Sampling Date: 7/11/07
Sample I.D.: PC-031-0707	Laboratory: TA
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: See SOL
Equipment Blank I.D.: @	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 070709-AW1	Client: Hargis @ Henderson
Sampler: MH	Start Date: 7/11/07
Well I.D.: H-56A	Well Diameter: 2 3 (4) 6 8
Total Well Depth:	Depth to Water 24.44
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSE 556

Purge Method: 2" Grundfos Pump

Sampling Method: Dedicated Tubing

Flow Rate: 500 mL/min

Peristaltic Pump

New Tubing

Pump Depth: 43'

Bladder Pump

Other

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW
944	26.82	7.30	10955	10	0.77	48.0	2000	24.48
948	27.43	7.31	10901	4	0.63	28.6	4000	24.48
952	27.54	7.32	10905	4	0.60	21.5	6000	24.48
956	27.64	7.32	10904	3	0.57	16.9	8000	24.48
1000	27.62	7.32	10900	3	0.60	14.5	10,000	24.48
				End Line				

Did well dewater? Yes No

Amount actually evacuated: 10,000

Sampling Time: 1010

Sampling Date: 7/11/07

Sample I.D.: H-56A-0707

Laboratory: TA

Analyzed for: TPH-G BTEX MTBE TPH-D

Other: See SDW

Equipment Blank I.D.: @ Time

Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 670709-AV1	Client: Hngig @ Henderson
Sampler: NLM	Start Date: 7/11/07
Well I.D.: 11-58A	Well Diameter: 2 3 4 6 8
Total Well Depth:	Depth to Water 30.07
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: VSI550

Purge Method: 2" Grundfos Pump

Peristaltic Pump

Bladder Pump

Sampling Method: Dedicated Tubing

New Tubing

Other

Flow Rate: 500 mL/min

Pump Depth: 47'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW
1047	27.71	7.07	15852	6	1.09	45.1	2000	30.07
1051	27.32	7.03	15862	4	0.60	34.4	4000	30.07
1055	27.76	7.03	15850	3	0.44	28.6	6000	30.07
1059	28.04	7.03	15877	3	0.43	24.4	8000	30.07
1103	28.05	7.03	15906	3	0.43	22.0	10,000	30.07
1107	28.03	7.03	15912	3	0.42	21.1	12,000	30.07
				End	Line			

Did well dewater? Yes ☒ No

Amount actually evacuated: 12000

Sampling Time: 1120

Sampling Date: 7/11/07

Sample I.D.: 11-58A-0707

Laboratory: TA

Analyzed for: TPH-G BTEX MTBE TPH-D

Other: See SOW

Equipment Blank I.D.: @ Time

Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 070709-AW1	Client: Hargis @ Henderson
Sampler:	Start Date: 7/11/07
Well I.D.: H-49A	Well Diameter: 2 3 ④ 6 8
Total Well Depth:	Depth to Water 26.72
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: 452356

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Flow Rate: 500 mL/min Pump Depth: 38'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW
1135	27.11	7.06	18366	9	0.84	44.6	2000	26.79
1134	27.55	7.07	19017	6	0.55	41.2	4000	26.80
1143	27.67	7.07	19103	4	0.46	37.4	6000	26.81
1147	27.67	7.08	19156	3	0.45	33.3	8000	26.81
1151	27.1	7.08	19169	3	0.47	31.0	10,000	26.82
			End Line					

Did well dewater? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Amount actually evacuated: 10,000
Sampling Time: 1205	Sampling Date: 7/11/07
Sample I.D.: H-49A-0707	Laboratory: TA
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: See 30w
Equipment Blank I.D.: @	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 070704-NH1	Client: Luray @ Henderson
Sampler: NH	Start Date: 7/11/07
Well I.D.: H-12A	Well Diameter: 2 3 (4) 6 8
Total Well Depth:	Depth to Water 29.73
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YS556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Flow Rate: 500 mL/min Pump Depth: 35'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW
1239	27.30	7.28	4630	1	0.71	25.5	2000	29.73
1243	27.22	7.29	4551	1	0.58	12.0	4000	29.74
1247	27.27	7.30	4460	1	0.47	3.0	6000	29.75
1251	27.26	7.33	4370	1	0.40	-3.9	8000	29.75
1255	27.16	7.34	4366	1	0.39	-9.8	10,000	29.76
1259	27.29	7.35	4300	1	0.37	-12.6	12,000	29.76
End Line								

Did well dewater? Yes (No)	Amount actually evacuated: 12,000 mL
Sampling Time: 1315	Sampling Date: 7/11/07
Sample I.D.: H-12A-0707	Laboratory: TA
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: See 5062
Equipment Blank I.D.: @	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

LOW FLOW WELL MONITORING DATA SHEET		
Project #: 070709 - AW1	Client: Hargis @ Hunkley	
Sampler: NH	Start Date: 7/10/07	
Well I.D.: MW-5	Well Diameter: 2 3 4 6 8	
Total Well Depth:	Depth to Water 24.91	
Depth to Free Product:	Thickness of Free Product (feet):	
Referenced to: PVC	Grade	Flow Cell Type: YSI 556
	Peristaltic Pump	Bladder Pump

Purge Method: 2" Grundfos Pump
Dedicated Tubing

Peristaltic Pump

Bladder Pump

New Tubing

Other

Pump Depth: 33'

Flow Rate: 500 ml/min

[illegible]

Did well dewater? Yes ☒ No ☐

Amount actually evacuated: 10,000

Sampling Time: 1315

Sampling Date: 7/10/67

Sample I.D.: mw-5-0407

Laboratory: TA

Analyzed for:	TPH-G	BTEX	MTBE	TPH-D
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Other: See 504

Equipment Blank I.D.:

Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 070709-AW1	Client: Hargis @ Henderson
Sampler: NH	Start Date: 7/10/07
Well I.D.: mw-K5	Well Diameter: (2) 3 4 6 8
Total Well Depth:	Depth to Water 28.79
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (VOC) Grade	Flow Cell Type: 4SI556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Flow Rate: 500ml/min Pump Depth: 36'

Time	Temp. (C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or ml)	DTW
1115	26.90	7.05	9845	>1000	0.82	62.4	2000	28.80
1119	26.36	7.08	9806	774	0.58	39.6	4000	28.80
1123	26.90	7.09	9826	175	0.55	29.2	6000	28.80
1127	27.17	7.10	9845	80	0.63	25.1	8000	28.80
1131	27.23	7.10	9842	27	0.73	23.6	10,000	28.80
1135	27.24	7.10	9852	5	0.71	21.0	12,000	28.80
1139	27.30	7.10	9849	4	0.71	19.9	14,000	28.80
1143	27.31	7.10	984	4	0.70	19.3	16,000	28.80
				End	Line			

Did well dewater? Yes <input checked="" type="checkbox"/> No	Amount actually evacuated: 16,000
Sampling Time: 1205	Sampling Date: 7/10/07
Sample I.D.: mw-K5-0709	Laboratory: TA
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: See SOW
Equipment Blank I.D.: @	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 070709-AW1	Client: Hargis @ Henderson
Sampler: NW	Start Date: 7/10/07
Well I.D.: PC-002-	Well Diameter: (2) 3 4 6 8
Total Well Depth:	Depth to Water 23.39
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: 751556

Purge Method: 2" Grundfos Pump

Sampling Method: Dedicated Tubing

Flow Rate: 500 ml/min

Peristaltic Pump

New Tubing

Pump Depth: 28'

Bladder Pump

Other

Time	Temp. (°C or °F)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW
1000	27.60	7.39	6648	71000	1.44	61.2	2000	23.39
1004	27.00	7.36	6093	21000	1.43	33.6	4000	23.39
1008	27.25	7.31	5541	513	2.64	68.9	6000	23.42
1012	27.27	7.29	5342	40	3.13	40.9	8000	23.42
1016	27.31	7.28	5234	12	3.26	31.3	10000	23.43
1020	27.43	7.28	5176	5	3.27	25.8	12,000	23.44
1024	27.60	7.28	5142	5	3.29	24.2	14,000	23.44
1028	27.58	7.28	5127	4	3.29	24.6	16,000	23.45
				End	Line			

Did well dewater? Yes

No

Amount actually evacuated: 16,000

Sampling Time: 1045

Sampling Date: 7/10/07

Sample I.D.: PC-002-0707

Laboratory: TA

Analyzed for: TPH-G BTEX MTBE TPH-D

Other: See Saw

Equipment Blank I.D.:

@

Time

Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 0710 070709-AW1	Client: Hrgis @ Henderson
Sampler: NH	Start Date: 7/10/07
Well I.D.: PC-086	Well Diameter: (2) 3 4 6 8
Total Well Depth:	Depth to Water 6.80
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other
 Flow Rate: 500 mL/min Pump Depth: 23'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW
828	22.51	7.11	3836	37	0.68	57.7	2000	6.80
832	22.90	7.11	3847	16	0.45	41.6	4000	6.80
836	23.07	7.11	3854	8	0.43	32.8	6000	6.80
840	23.03	7.12	3853	5	0.89	32.5	8000	6.80
844	23.86	7.12	3857	4	0.98	20.4	10,000	6.81
848	22.84	7.13	3856	4	0.93	16.8	12,000	6.81
852	22.82	7.13	3850	4	0.94	14.0	14,000	6.81
				End	Line			

Did well dewater? Yes <input checked="" type="radio"/> No	Amount actually evacuated: 14600
Sampling Time: 910	Sampling Date: 7/10/07
Sample I.D.: PC-086-0707	Laboratory: TA
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: See SOW
Equipment Blank I.D.: @	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 070907-AW1	Client: Hargis @ Henderson
Sampler: NH	Start Date: 7/9 th 7/10/07
Well I.D.: PC-077	Well Diameter: 2 3 4 6 8
Total Well Depth: 39.00	Depth to Water 9.01
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PCE Grade	Flow Cell Type:

Purge Method: 2" Grundfos Pump

Sampling Method: Dedicated Tubing

Flow Rate: 100 mL/min

Peristaltic Pump

New Tubing

Pump Depth: 35'

Bladder Pump

Other

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW
643	23.14	7.04	6422	62	1.06	161.4	400	9.40
647	23.34	7.05	6434	30	0.74	141.9	800	9.42
651	23.55	7.06	6443	15	0.72	129.3	1200	9.45
655	23.81	7.07	6441	5	0.76	119.6	1600	9.47
659	24.00	7.07	6433	4	0.77	104.9	1800	9.20 ^N 9.60
703	24 th 23.91	7.07	6429	4	0.77	100.0	2000	9.23. 9.63
			End	Line				

Did well dewater? Yes No

Amount actually evacuated: 2000

Sampling Time: 800

Sampling Date: 7/10/07

Sample I.D.: PC-077-0707

Laboratory: TA

Analyzed for: TPH-G BTEX MTBE TPH-D

Other: See SOW

Equipment Blank I.D.: @ Time

Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 070709-AW1	Client: Hargis
Sampler: Wolff	Start Date: 7-9-07
Well I.D.: H-11	Well Diameter: 2 3 4 6 8
Total Well Depth: 103.14	Depth to Water 72.18
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI-556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
Sampling Method: Dedicated Tubing New Tubing Other
Flow Rate: 200 ml/min slow to 100 ml/min Pump Depth: 100'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW
1250	start	Purge						
1254	29.87	6.52	1499	2	1.78	-72.7	800	73.18
1258	30.54	6.41	1546	2	1.67	-32.9	1200	73.24
1302	31.21	6.38	1556	2	1.66	-56.0	1600	73.33
1306	32.07	6.24	1565	2	1.57	-28.1	2000	73.41
1310	33.75	6.13	1570	2	1.44	-58.2	2400	73.55
1314	34.67	6.00	1572	2	1.30	-104.1	2800	73.59
1318	36.15	5.95	1575	2	1.18	-67.2	3200	73.63
1322	36.12	5.93	1583	2	1.18	-83.9	3600	73.72
1326	34.88	6.04	1579	2	1.21	-123.9	4000	73.78
1330	35.24	5.92	1567	2	1.18	-83.1	4400	73.82

* Slow Purge to 100 ml/min

Did well dewater? Yes No	Amount actually evacuated: 6400
Sampling Time: 1400	Sampling Date: 7-9-07
Sample I.D.: H-11-0707	Laboratory: Test Am.
Analyzed for: TPH-G BTEX MTBE TPH-D	Other:
Equipment Blank I.D.: PL-500-0707 @ 1230	Duplicate I.D.:
Field Blank I.D.: PL-500-0707 @ 1300	

LOW FLOW WELL MONITORING DATA SHEET

Project #: 070709-AW1	Client: Hargis
Sampler: Wolff	Start Date: 7-9-07
Well I.D.: H-11	Well Diameter: 2 3 4 6 8
Total Well Depth: 103.14	Depth to Water: 72.18
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI-556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other
 Flow Rate: 200 ml/min slow to 100 ml/min Pump Depth: 100'

Time	Temp. (°C or °F)	pH	Cond. (mS or <u>µS</u>)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or <u>mL</u>)	DTW
1334	35.72	5.86	1561	2	1.16	-77.8	4800	73.89
1338	36.48	5.81	1561	2	1.09	-102.4	5200	73.94
1342	37.25	5.79	1558	2	1.01	-98.6	5600	73.98
1346	37.31	5.73	1555	2	0.99	-94.7	6000	74.03
1350	37.42	5.72	1554	2	0.97	-101.6	6400	74.04

Did well dewater? Yes <u>No</u>	Amount actually evacuated: 6400
Sampling Time: 1400	Sampling Date: 7-9-07
Sample I.D.: H-11-0707	Laboratory: Test Am
Analyzed for: TPH-G BTEX MTBE TPH-D	Other:
Equipment Blank I.D.: PL-500-0707 @ 1230	Duplicate I.D.:
Field Blank I.D.: PL-502-0707 @ 1300	

LOW FLOW WELL MONITORING DATA SHEET

Project #: 070709-4W1	Client: Hargis
Sampler: Wolff	Start Date: 7-10-07
Well I.D.: MW-1	Well Diameter: 2 3 4 6 8
Total Well Depth: 114.18	Depth to Water: 61.64
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI-SSG

Purge Method: 2" Grundfos Pump
 Sampling Method: Dedicated Tubing
 Flow Rate: 100 ml/min

Peristaltic Pump
 New Tubing
 Pump Depth: 94'

Bladder Pump
 Other:

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW
0632	Start Purge							
0636	27.19	7.79	1164	2	5.79	54.3	400	62.58
0640	27.95	7.79	1174	2	5.33	46.2	800	62.63
0644	27.92	7.79	1177	2	5.37	46.1	1200	62.72
0648	27.89	7.80	1179	2	5.32	42.0	1600	62.76
0652	28.03	7.79	1179	2	5.40	42.0	2000	62.83

Did well dewater? Yes <input checked="" type="radio"/> No	Amount actually evacuated: 2000
Sampling Time: 0730	Sampling Date: 7-10-07
Sample I.D.: MW-1-0707	Laboratory: Test Am
Analyzed for: TPH-G BTEX MTBE TPH-D	Other:
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 070710-AW1	Client: Hargis
Sampler: Wolff	Start Date: 7-10-07
Well I.D.: AA-MW-05	Well Diameter: 2 3 4 6 8
Total Well Depth: 66.31	Depth to Water 55.03
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI-556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other
 Flow Rate: 200 ml/min Pump Depth: 61'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW
0815	start	Purge						
0819	28.68	7.37	2845	1	3.44	2.1	800	55.25
0823	28.56	7.42	2880	1	3.56	-3.4	1600	55.28
0827	28.64	7.43	2880	1	3.54	-8.1	2400	55.24
0831	28.90	7.45	2860	1	3.28	-12.7	3200	55.24
0835	29.05	7.44	2874	1	3.21	-17.8	4000	55.24
0839	29.01	7.44	2856	1	3.14	-20.5	4800	55.25

Did well dewater? Yes No Amount actually evacuated: 4800

Sampling Time: 0900 Sampling Date: 7-10-07

Sample I.D.: AA-MW-05-0707 Laboratory: Test Am.

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

Equipment Blank I.D.: @ Time Duplicate I.D.:

Field Blank ID: PL-503-0707 @ 0830

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>070709-AW1</u>	Client: <u>Hargis</u>
Sampler: <u>WOLF</u>	Start Date: <u>7-10-07</u>
Well I.D.: <u>H-13</u>	Well Diameter: 2 3 <u>4</u> 6 8 <u>12</u>
Total Well Depth: <u>75.34</u>	Depth to Water <u>38.77</u> ^{ft}
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	Flow Cell Type: <u>YSI-556</u>

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Flow Rate: 500 ml/min Pump Depth: 60'

Time	Temp. (°C or °F)	pH	Cond. (mS or <u>µS</u>)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or <u>ml</u>)	DTW
0947	start	Purge						
0951	26.70	7.87	1253	2	9.01	-34.0	2000	38.91
0955	26.80	7.87	1249	2	7.83	-16.4	4000	38.92
0959	27.28	7.83	1248	1	7.39	-9.4	6000	38.93
1003	27.36	7.81	1250	1	7.15	-9.3	8000	38.93
1007	27.35	7.82	1250	1	7.01	-10.4	10000	38.94

Did well dewater? Yes No Amount actually evacuated: 10000

Sampling Time: 1015 Sampling Date: 7-10-07

Sample I.D.: H-13-0707 Laboratory: Test Am.

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 070709-AW1	Client: Hargis
Sampler: Wolff	Start Date: 7-10-07
Well I.D.: EC-4	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 66.29	Depth to Water: 47.91
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	Flow Cell Type: YSI-556

Purge Method: 2" Grundfos Pump
 Sampling Method: Dedicated Tubing
 Flow Rate: 500 ml/min

Peristaltic Pump
 New Tubing
 Bladder Pump
 Other
 Pump Depth: 60'

Time	Temp. (°C or °F)	pH	Cond. (mS or <u>µS</u>)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or <u>mL</u>)	DTW
1115	Start	Purge						
1119	28.31	7.62	3382	1	6.10	-22.4	2000	
1123	28.78	7.61	3353	1	5.69	-22.7	4000	
1127	30.02	7.61	3353	1	5.42	-21.1	6000	
1131	29.96	7.61	3353	1	5.31	-20.7	8000	
1135	30.13	7.61	3351	1	5.30	-20.2	10000	

Did well dewater? Yes No Amount actually evacuated: 10000

Sampling Time: 1230 Sampling Date: 7-10-07

Sample I.D.: EC-40707 (MS/MSD collected) Laboratory: Test Am

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 070709-AW1	Client: HR Virginia @ Henderson
Sampler: NU	Start Date: 7/09/07
Well I.D.: B-7	Well Diameter: 2 3 (4) 6 8
Total Well Depth: 58.61	Depth to Water 53.53
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: RVC Grade	Flow Cell Type: VSS551

Purge Method: 2" Grundfos Pump

Sampling Method: Dedicated Tubing

Peristaltic Pump

New Tubing

Bladder Pump

Other

Pump Depth:

Flow Rate:

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW
3.3	gallons in well							
1433	28.46	7.04	21002	72	2.42	-160.3	2.0	
1438	26.05	7.10	21019	130	2.90	-1473	3.5	
			well dewatered @				3.5 gallons	
7-18-07 1330	27.35	7.24	20867	210	3.27	-92.5		59.54

Did well dewater? Yes No

Amount actually evacuated: 2nd 3.5

Sampling Time: 1330

Sampling Date: 7/10/07

Sample I.D.: B-7-0707

Laboratory: TA

Analyzed for: TPH-G BTEX MTBE TPH-D

Other: See SOW

Equipment Blank I.D.: @ Time

Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 070709-AW1	Client: Hargis
Sampler: Wolff	Start Date: 7-11-07
Well I.D.: TR-5	Well Diameter: 2 3 4 6 8
Total Well Depth: 250.61	Depth to Water Artesian / 0.0 PSI
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: 236 YSI-SS6

Purge Method: 2" Grundfos Pump

Sampling Method: Dedicated Tubing

Flow Rate: 100 ml/min

Peristaltic Pump

New Tubing

Pump Depth: 236

Bladder Pump

Other

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW
0715	start	Purge						
0719	27.33	7.32	1198	1	2.42	16.8	400	0.54
0723	28.96	7.37	1192	1	2.38	11.4	800	0.62
0727	29.32	7.40	1193	1	2.44	13.9	1200	0.72
0731	29.79	7.43	1192	1	2.58	12.0	1600	0.74
0735	29.89	7.46	1195	1	2.72	12.1	2000	0.78
0739	29.94	7.47	1195	1	2.81	10.5	2400	0.81

Did well dewater? Yes No

Amount actually evacuated: 2400

Sampling Time: 0830

Sampling Date: 7-11-07

Sample I.D.: TR-5-0707

Laboratory: Test Am

Analyzed for: TPH-G BTEX MTBE TPH-D

Other:

Equipment Blank I.D.: @ Time

Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 070709-AW1	Client: Hargis
Sampler: Wolff	Start Date: 7-11-07
Well I.D.: MW-8	Well Diameter: 2 3 ④ 6 8
Total Well Depth: >300	Depth to Water Artesian / 0.0 psi
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: 751-556

Purge Method: 2" Grundfos Pump

Peristaltic Pump

Bladder Pump

Sampling Method: Dedicated Tubing

New Tubing

Other

Flow Rate: 28 400 ml/min

Pump Depth: 284'

Time	Temp. (°C or °F)	pH	Cond. (mS or <u>µS</u>)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or <u>mL</u>)	DTW
0857	start	Purge						
0901	26.79	8.14	1228	13	5.81	-23.0	1600	0.21
0905	27.71	8.13	1254	18	5.12	-15.1	3200	0.24
0909	28.10	8.12	1255	10	5.01	-13.7	4800	0.24
0913	28.25	8.12	1258	9	4.81	-11.9	6400	0.24
0917	28.33	8.12	1259	8	4.88	-10.6	8000	0.24
0921	28.41	8.11	1260	8	4.85	-8.9	9600	0.24

Did well dewater? Yes (No)

Amount actually evacuated: 9600

Sampling Time: 0945

Sampling Date: 7-11-07

Sample I.D.: MW-8-0707

Laboratory: Test Am.

Analyzed for: TPH-G BTEX MTBE TPH-D

Other:

Equipment Blank I.D.:

@

Time

Duplicate I.D.:

Field Blank ID: DI-555-0707 @ 0918

LOW FLOW WELL MONITORING DATA SHEET

Project #: 070709-AW1	Client: Hargis
Sampler: Wolf	Start Date: 7-11-07
Well I.D.: EC-10	Well Diameter: 2 3 4 6 8
Total Well Depth: 59.22	Depth to Water 44.49
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI-SSC

Purge Method: 2" Grundfos Pump

Sampling Method: Dedicated Tubing

Flow Rate: 500 ml/min

Peristaltic Pump

New Tubing

Pump Depth: 49'

Bladder Pump

Other

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW
1024	Start	Purge						
1028	27.75	7.61	2371	62	5.83	-13.4	2000	44.68
1032	27.94	7.57	2501	18	5.72	-7.8	4000	44.64
1036	28.73	7.56	2546	9	5.60	-4.6	6000	44.67
1040	29.19	7.55	2574	5	5.67	-1.8	8000	44.66
1044	29.10	7.55	2539	4	5.85	-0.5	10000	44.66
1048	29.04	7.55	2543	4	5.74	-0.4	12000	44.64

Did well dewater? Yes No

Amount actually evacuated: 12000

Sampling Time: 1110

Sampling Date: 7-11-07

Sample I.D.: EC-10-0707

Laboratory: Test Am

Analyzed for: TPH-G BTEX MTBE TPH-D

Other:

Equipment Blank I.D.:

@

Time

Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>070709-AW1</u>	Client: <u>Hargis</u>
Sampler: <u>Wolff</u>	Start Date: <u>7-11-07</u>
Well I.D.: <u>CP-1</u>	Well Diameter: 2 3 <u>(4)</u> 6 8
Total Well Depth: <u>128.48</u>	Depth to Water <u>37.74</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	Flow Cell Type: <u>YSI-556</u>

Purge Method: 2" Grundfos Pump

Peristaltic Pump

Bladder Pump

Sampling Method: Dedicated Tubing

New Tubing

Other

Flow Rate: 200 ml/min

Pump Depth: 120'

Time	Temp. (°C or °F)	pH	Cond. (mS or <u>µS</u>)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or <u>mL</u>)	DTW
<u>1135</u>	<u>Start</u>	<u>Purge</u>						
<u>1138</u>	<u>29.47</u>	<u>7.27</u>	<u>1188</u>	<u>6</u>	<u>1.90</u>	<u>-53.9</u>	<u>800</u>	<u>37.76</u>
<u>1142</u>	<u>29.70</u>	<u>7.27</u>	<u>1193</u>	<u>4</u>	<u>1.75</u>	<u>-52.3</u>	<u>1600</u>	<u>37.79</u>
<u>1146</u>	<u>28.81</u>	<u>7.27</u>	<u>1204</u>	<u>2</u>	<u>1.79</u>	<u>-51.6</u>	<u>2400</u>	<u>37.84</u>
<u>1150</u>	<u>28.97</u>	<u>7.27</u>	<u>1197</u>	<u>2</u>	<u>1.76</u>	<u>-50.1</u>	<u>3200</u>	<u>37.96</u>
<u>1154</u>	<u>29.00</u>	<u>7.27</u>	<u>1201</u>	<u>2</u>	<u>1.74</u>	<u>-49.7</u>	<u>4000</u>	<u>37.99</u>

Did well dewater? Yes (No)

Amount actually evacuated: 4000

Sampling Time: 1220

Sampling Date: 7-11-07

Sample I.D.: CP-1-0707

Laboratory: Test Am

Analyzed for: TPH-G BTEX MTBE TPH-D

Other:

Equipment Blank I.D.: @ Time

Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project # <u>070709-AW1</u>	Client: <u>Hargis</u>
Sampler: <u>Wolff</u>	Start Date: <u>7-11-07</u>
Well I.D.: <u>TR-6</u>	Well Diameter: 2 3 <u>(4)</u> 6 8
Total Well Depth: <u>82.79</u>	Depth to Water <u>38.34</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	Flow Cell Type: <u>YSI-556</u>

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Flow Rate: 400 ml/min Pump Depth: 120

Time	Temp. (°C or °F)	pH	Cond. (mS or <u>µS</u>)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or <u>mL</u>)	DTW
1244	Start Purge							
1248	26.93	7.42	8058	0	2.82	-42.8	1600	38.44
1252	26.85	7.43	8135	0	2.68	-40.8	3200	38.46
1256	27.37	7.43	8110	0	2.45	-33.6	4800	38.46
1300	27.49	7.43	8100	0	2.39	-30.1	6400	38.46
1304	27.54	7.43	8094	0	2.31	-26.9	8000	38.46

Did well dewater? Yes <u>No</u>	Amount actually evacuated: <u>8000</u>
Sampling Time: <u>1330</u>	Sampling Date: <u>7-11-07</u>
Sample I.D.: <u>TR-6-0707</u>	Laboratory: <u>Test Am</u>
Analyzed for: TPH-G BTEX MTBE TPH-D	Other:
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 070709-Aw1	Client: Hargis
Sampler: Wolff	Start Date: 7-12-07
Well I.D.: AA-MW-7	Well Diameter: 2 3 (4) 6 8
Total Well Depth: 76.40	Depth to Water 31.81
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI-556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Flow Rate: 400 ml/min Pump Depth: 55'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW
0709	start	Purge						
0713	26.86	6.81	27294	3	2.57	-47.5	1600	38.92
0717	27.22	6.83	27271	3	2.46	-49.9	3200	38.92
0721	28.09	6.83	27306	3	2.31	-69.7	4800	38.92
0725	28.45	6.83	27353	3	2.35	-79.9	6400	38.92
0729	28.54	6.83	27358	3	2.48	-84.5	8000	38.92
0733	28.62	6.84	27364	3	2.52	-87.4	9600	38.92

Did well dewater? Yes (No)	Amount actually evacuated: 9600
Sampling Time: 0800	Sampling Date: 7-12-07
Sample I.D.: AA-MW-7-0707	Laboratory: Test Am
Analyzed for: TPH-G BTEX MTBE TPH-D	Other:
Equipment Blank I.D.: @	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 070709-AW1	Client: Hargis
Sampler: Wolff	Start Date: 7-12-07
Well I.D.: EC-1	Well Diameter: 2 3 (4) 6 8
Total Well Depth: 69.98	Depth to Water 54.38
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI-556

Purge Method: 2" Grundfos Pump

Peristaltic Pump

Bladder Pump

Sampling Method: Dedicated Tubing

New Tubing

Other

Flow Rate: 250 ml/min

Pump Depth: 61'

Time	Temp. (°C or °F)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW
0819	Start	Purge						
0823	26.92	6.41	62820	2	1.49	84.9	1000	54.47
0827	27.39	6.43	62790	2	2.00	82.6	2000	54.49
0831	27.99	6.44	62887	2	2.51	79.0	3000	54.49
0835	28.97	6.44	62999	2	2.51	76.1	4000	54.51
0839	29.09	6.44	63056	2	2.60	74.1	5000	54.51
0843	29.16	6.44	63102	2	2.63	70.9	6000	54.51

Did we dewater? Yes No

Amount actually evacuated: 6000

Sampling Time: 0920

Sampling Date: 7-12-07

Sample ID: EC-1-0707

Laboratory: Test Am

Analyze for: TPH-G BTEX MTBE TPH-D

Other:

Equipment Blank I.D.:

@

Time

Duplicate I.D.:

Field Blank ID = DL-507-0707 @ 930

LOW FLOW WELL MONITORING DATA SHEET

Project #: 070709-AW1	Client: Hargis
Sampler: Wolff	Start Date: 7-12-07
Well I.D.: AA-BW-12A	Well Diameter: 2 3 (4) 6 8
Total Well Depth: 71.69	Depth to Water 51.53
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI-556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Flow Rate: 400 ml/min Pump Depth: 59'

Time	Temp. (°C or °F)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW
1007	Start	Purge						
1011	28.82	6.99	29173	2	1.98	-265.1	1600	51.53
1015	29.94	6.98	29476	2	1.99	-277.2	3200	51.53
1019	30.94	6.98	29842	2	2.27	-284.5	4800	51.53
1023	31.12	6.97	30125	2	2.01	-271.8	6400	51.53
1027	31.19	6.98	30458	2	1.97	-275.9	8000	51.53
1031	31.17	6.98	30798	2	1.95	-276.1	9600	51.53

Did well dewater? Yes ☒ No Amount actually evacuated: 9600

Sampling Time: 1055 Sampling Date: 7-12-07

Sample I.D.: AA-BW-12A-0707 Laboratory: Test Am

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

Equipment Blank I.D.: @ Time Duplicate I.D.: PL-509-0707 @

LOW FLOW WELL MONITORING DATA SHEET

Project #: 070709-4W1	Client: Hargis
Sampler: Wolff	Start Date: 7-12-07
Well I.D.: MC-MW-9	Well Diameter: 2 3 4 6 8
Total Well Depth: 120.31	Depth to Water 39.76
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: 451-556

Purge Method: 2" Grundfos Pump

Sampling Method: Dedicated Tubing

Flow Rate: 200 ml/min

Peristaltic Pump

New Tubing

Bladder Pump

Other

Pump Depth: 105'

Time	Temp. (°C or °F)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW
1126	start Purge							
1130	31.45	8.29	1451	0	1.46	-129.1	800	39.91
1134	30.15	8.31	1350	0	1.39	-138.1	1600	39.96
1138	30.64	8.25	1303	0	1.45	-139.9	2400	39.98
1142	31.48	8.26	1302	0	1.37	-140.8	4000 ³²⁰⁰	39.99
1146	31.51	8.20	1302	0	1.34	-134.6	4400 ⁴⁰⁰⁰	40.01
1150	31.59	8.18	1304	0	1.29	-130.9	4800	40.04

Did well dewater? Yes (No)

Amount actually evacuated: 4800

Sampling Time: 1220

Sampling Date: 7-12-07

Sample I.D.: MC-MW-9-0707

Laboratory: Test Am

Analyzed for: TPH-G BTEX MTBE TPH-D

Other:

Equipment Blank I.D.: @ Time

Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>070709-AW1</u>	Client: <u>Hargis</u>
Sampler: <u>Wolfe</u>	Start Date: <u>7-12-07</u>
Well I.D.: <u>69.51^{AW} EC-2</u>	Well Diameter: 2 3 <u>(4)</u> 6 8
Total Well Depth: <u>69.51</u>	Depth to Water: <u>56.28</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>(PVC)</u> Grade	Flow Cell Type: <u>YSI-SSC</u>

Purge Method: 2" Grundfos Pump

Peristaltic Pump

Bladder Pump

Sampling Method: Dedicated Tubing

New Tubing

Other _____

Flow Rate: 500 ml/min

Pump Depth: 61'

Time	Temp. (°C or °F)	pH	Cond. (mS or <u>µS</u>)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or <u>mL</u>)	DTW
1303	Start Purge							
1307	29.55	7.03	19503	1	1.47	-211.3	2000	56.40
1311	31.31	7.03	19483	0	1.34	-217.8	4000	56.40
1315	31.34	7.03	19440	0	1.41	-219.6	6000	56.41
1319	32.16	7.03	19476	0	1.33	-224.2	8000	56.41
1323	32.23	7.04	19464	0	1.25	-226.8	10000	56.41
1327	32.18	7.04	19469	0	1.28	-231.1	12000	56.41

Did well dewater? Yes (No)

Amount actually evacuated: 12000

Sampling Time: 1340

Sampling Date: 7-12-07

Sample I.D.: EC-2-0707

Laboratory: Test Am

Analyzed for: TPH-G BTEX MTBE TPH-D

Other:

Equipment Blank I.D.: @ Time

Duplicate I.D.: PL-511-0707 @ 1400

LOW FLOW WELL MONITORING DATA SHEET

Project #: 070709-AW1	Client: Hargis
Sampler: Wolff	Start Date: 7-13-07
Well I.D.: B-4	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 63.84	Depth to Water 43.86
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	Flow Cell Type: YSI-556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other
 Flow Rate: 400 ml/min Pump Depth: 55'

Time	Temp. (°C or °F)	pH	Cond. (mS or <u>µS</u>)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or <u>mL</u>)	DTW
0649	Start Purge							
0653	26.69	6.98	12841	2	2.48	-89.9	1600	44.02
0657	27.63	7.01	12897	2	2.37	-111.9	3200	44.02
0701	28.92	7.03	12941	2	2.26	-121.2	4800	44.02
0705	29.29	7.04	12981	2	2.45	-128.1	6400	44.02
0709	29.38	7.03	12997	2	2.51	-136.9	8000	44.02
0713	29.29	7.04	13028	2	2.51	-132.6	9600	44.02

Did well dewater? Yes <u>No</u>	Amount actually evacuated: 9600
Sampling Time: 0730	Sampling Date: 7-13-07
Sample I.D.: B-4-0707	Laboratory: Test Am
Analyzed for: TPH-G BTEX MTBE TPH-D	Other:
Equipment Blank I.D.: @	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 070709-Awi	Client: Hargis
Sampler: Wolff	Start Date: 7-13-07
Well I.D.: MC-MW-11	Well Diameter: 2 3 4 6 8
Total Well Depth: 122.17	Depth to Water: 58.91
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI-556

Purge Method: 2" Grundfos Pump

Peristaltic Pump

Bladder Pump

Sampling Method: Dedicated Tubing

New Tubing

Other

Flow Rate: 200 ml/min

Pump Depth: 111'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or ml)	DTW
0804	Start Purge							
0808	28.83	7.46	1483	1	3.01	49.7	800	59.16
0812	28.36	7.67	1381	1	2.30	-12.9	1600	59.17
0816	28.28	7.71	1382	1	2.25	-15.8	3200	59.21
0820	28.27	7.71	1378	1	2.29	-20.5	4000	59.21
0824	28.37	7.72	1369	1	2.32	-21.7	4800	59.22

Did well dewater? Yes No

Amount actually evacuated: 4800

Sampling Time: 0830

Sampling Date: 7-13-07

Sample I.D.: MC-MW-11-0707

Laboratory: Test Am

Analyzed for: TPH-G BTEX MTBE TPH-D

Other:

Equipment Blank I.D.: @ Time

Duplicate I.D.:

D1-613-0707(0) 0810 (Field Blank)

LOW FLOW WELL MONITORING DATA SHEET

Project #: 070709-AW1	Client: Hargis
Sampler: Wolff	Start Date: 7-13-07
Well I.D.: AA-MW-13	Well Diameter: 2 3 (4) 6 8
Total Well Depth: 64.81	Depth to Water 36.64
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI-556

Purge Method: 2" Grundfos Pump

Peristaltic Pump

Bladder Pump

Sampling Method: Dedicated Tubing

New Tubing

Other

Flow Rate: 200 ml/min

Pump Depth: 59'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW
0917	Start Purge							
0921	28.29	10.70	30795	1	2.03	-103.1	800	36.68
0925	28.06	10.74	30869	1	1.51	-131.9	1600	36.68
0929	28.02	10.74	30866	1	1.42	-142.7	2400	36.68
0933	28.04	10.74	30868	1	1.37	-147.9	3200	36.68
0937	28.04	10.74	30840	1	1.34	-151.7	4000	36.68

Did well dewater? Yes (No)

Amount actually evacuated: 4000

Sampling Time: 1015

Sampling Date: 7-13-07

Sample I.D.: AA-MW-13-0707

Laboratory: Test Am

Analyzed for: TPH-G BTEX MTBE TPH-D

Other:

Equipment Blank I.D.: PL-515-0707 @ 0910

Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 070709-AW1	Client: Hargis
Sampler: Wolff	Start Date: 7-13-07
Well I.D.: DPT-1	Well Diameter: 2 3 (4) 6 8
Total Well Depth: 129.93	Depth to Water 36.51
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI-556

Purge Method: 2" Grundfos Pump

Sampling Method: Dedicated Tubing

Flow Rate: 200 ml/min

Peristaltic Pump

New Tubing

Pump Depth: 121

Bladder Pump

Other

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW
1035	Start	Purge						
1039	29.90	9.02	2296	2	1.92	-95.7	800	36.69
1043	30.11	8.80	1986	2	1.59	-102.9	1600	36.71
1047	30.48	8.41	1944	2	1.59	-102.4	2400	36.73
1051	30.38	8.40	1949	2	1.63	-103.6	3200	36.74
1055	30.31	8.34	1909	2	1.59	-106.2	4000	36.76

Did well dewater? Yes (No)

Amount actually evacuated: 4000

Sampling Time: 1120

Sampling Date: 7-13-07

Sample I.D.: DPT-1-0707

Laboratory: Test Am

Analyzed for: TPH-G BTEX MTBE TPH-D

Other:

Equipment Blank I.D.: @ Time

Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 070709-AW1	Client: Hargis
Sampler: Wolff	Start Date: 7-16-07
Well I.D.: B-1	Well Diameter: 2 3 4 6 8
Total Well Depth: 58.69	Depth to Water 40.89
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI-556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other
 Flow Rate: 300 ml/min Pump Depth: 50'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW
0924	start	Purge						
0928	28.31	6.56	23467	1	2.39	96.4	1200	41.16
0932	27.69	6.58	23491	1	3.09	51.2	2400	41.17
0936	28.69	6.58	23420	1	3.39	20.2	3600	41.19
0940	29.27	6.57	23414	1	3.30	09.6	4800	41.17
0944	29.32	6.58	23463	1	3.11	3.9	6000	41.17
0948	29.38	6.58	23474	1	3.03	0.3	7200	41.17

Did well dewater? Yes ☒ No Amount actually evacuated: 7200

Sampling Time: 1010 Sampling Date: 7-16-07

Sample I.D.: B-1-0707 Laboratory: Test Am

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 070709-AW1	Client: Hargis
Sampler: Wolff	Start Date: 7-16-07
Well I.D.: MC-MW-10	Well Diameter: 2 3 4 6 8
Total Well Depth: 121.47	Depth to Water 57.38
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: PSI-556

Purge Method: 2" Grundfos Pump

Sampling Method: Dedicated Tubing

Flow Rate: 400 ml/min

Peristaltic Pump

New Tubing

Pump Depth: 100'

Bladder Pump

Other

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW
1037	Start	Purge						
1041	28.50	6.81	26269	1	1.60	-97.6	1600	57.48
1045	27.72	6.81	26637	1	1.60	-98.5	3200	57.51
1049	28.39	6.80	27162	1	1.68	-96.7	4800	57.51
1053	28.48	6.79	27473	1	1.75	-94.6	6400	57.51
1057	28.51	6.79	27640	1	1.74	-93.7	8000	57.51

Did well dewater? Yes No

Amount actually evacuated: 8000

Sampling Time: 1115

Sampling Date: 7-16-07

Sample I.D.: MC-MW-10-0707

Laboratory: Test Am

Analyzed for: TPH-G BTEX MTBE TPH-D

Other:

Equipment Blank I.D.: @ Time

Duplicate I.D.:

Field Blank ID = DL-517-0707 @ 1040

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>070709-AW1</u>	Client: <u>Hargis</u>
Sampler: <u>Wolff</u>	Start Date: <u>7-16-07</u>
Well I.D.: <u>MC-MW-12</u>	Well Diameter: 2 3 <u>(4)</u> 6 8
Total Well Depth: <u>125.61</u>	Depth to Water <u>42.01</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>(PVE)</u> Grade	Flow Cell Type: <u>YSI-556</u>

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Flow Rate: 200 ml/min Pump Depth: 110'

Time	Temp. (°C or °F)	pH	Cond. (mS or <u>(S)</u>)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or <u>mL</u>)	DTW
1303	Start Purge							
1307	31.80	8.97	1506	51	1.57	-95.0	800	42.18
1311	30.94	8.91	1257	21	1.00	-102.3	1600	42.23
1315	30.80	8.90	1210	15	0.95	-104.1	2400	42.24
1319	30.79	8.89	1101	9	0.87	-106.0	3200	42.24
1333	30.91	8.89	1101	8	0.85	-105.9	4000	42.24
1337	30.83	8.89	1104	8	0.87	-107.2	4800	42.24

Did well dewater? Yes (No) Amount actually evacuated: 4800

Sampling Time: 1410 Sampling Date: 7-16-07

Sample I.D.: MC-MW-12-0707 Laboratory: Test Am

Analyzed for: TPH-G BTEX MTBE TPH-D Other: _____

Equipment Blank I.D.: _____ @ _____ Time Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 070709-AW1	Client: Hargis
Sampler: Wolff	Start Date: 7-17-07
Well I.D.: EC-7	Well Diameter: 2 3 4 6 8
Total Well Depth: 69.32	Depth to Water 53.41
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI-SS6

Purge Method: 2" Grundfos Pump

Sampling Method: Dedicated Tubing

Flow Rate: 400 ml/min

Peristaltic Pump

New Tubing

Pump Depth: 57'

Bladder Pump

Other

Time	Temp. (°C or °F)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW
0707	start	Purge						
0711	28.67	6.59	9988	125	1.95	-166.5	1600	53.66
0715	28.66	6.60	9992	90	3.04	-185.8	3200	53.67
0719	30.72	6.61	10029	61	2.83	-184.9	4800	53.67
0723	32.69	6.61	10029	19	2.56	-192.9	6400	53.67
0727	32.73	6.63	10049	16	2.37	-196.3	8000	53.67
0731	32.74	6.64	10059	15	2.24	-196.0	9600	53.67
0735	32.59	6.65	10067	16	2.19	-197.3	11200	53.67

Did well dewater? Yes (No)

Amount actually evacuated: 11200

Sampling Time: 0755

Sampling Date: 7-17-07

Sample I.D.: EC-7-0707

Laboratory: Test Am

Analyzed for: TPH-G BTEX MTBE TPH-D

Other:

Equipment Blank I.D.: @ Time

Duplicate I.D.:

Equipment Blank ID = DL-519-0707 (2, 0725)

LOW FLOW WELL MONITORING DATA SHEET

Project #: 070709-AW1	Client: Hargis
Sampler: Wolff	Start Date: 7-17-07
Well I.D.: EC-3	Well Diameter: 2 3 4 6 8
Total Well Depth: 68.21	Depth to Water 43.02
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI-SS6

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other
 Flow Rate: 300 ml/min Pump Depth: 60'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW
0815	Start Purge							
0819	28.23	6.78	12426	2	1.84	-34.6	1200	43.27
0823	28.51	6.79	12448	2	1.91	-32.6	2400	43.24
0827	28.74	6.79	12473	2	2.09	-31.1	3600	43.24
0831	28.86	6.79	12481	2	2.17	-31.6	4800	43.24
0835	28.91	6.79	12464	2	2.20	-31.9	6000	43.24

Did well dewater? Yes <input checked="" type="radio"/> No <input type="radio"/>	Amount actually evacuated: 6000
Sampling Time: 0900	Sampling Date: 7-17-07
Sample I.D.: EC-3-0707	Laboratory: Test Am
Analyzed for: TPH-G BTEX MTBE TPH-D	Other:
Equipment Blank I.D.: PL-521-0707 @ 0930 (2" Grundfos)	Duplicate I.D.: (Bladder Pump) Fouling Blank ID: PL-523-0707 @ 0940

WELL GAUGING DATA

Project # 070709-AW1 Date 7/17/07 Client Hertz

Site Montrose in Henderson, NV

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Notes
MW-U	1225	2								*
MW-APX-57	1235	2								*
PC-086	1245	2								*
PC-G56	1250	2								*
AA-MW-6	1320	4								*
EC-5	1330	4								*
B-6	1335	4								*
B8	1340	4								*
H-38	1345	8								*
H-55	1405	8								*
H-15	1415	12								*

* No DNPL Detected w/ Indenture Probe

TEST EQUIPMENT CALIBRATION LOG

PROJECT NAME Hargis @ Henderson			PROJECT NUMBER 070709- AWW				
EQUIPMENT NAME	EQUIPMENT NUMBER	DATE/TIME OF TEST	STANDARDS USED	EQUIPMENT READING	CALIBRATED:	TEMP. °C	INITIALS
Flow Cell	06F1362AR	7-9-07 1100	7.0 pH 4.0 10.0 3900 uS/cm 218 mV 100% DO	7.03 4.03 9.97 4062 213.7 92.4	7.0 4.0 10.0 3900 218 100	35.84 35.11 33.72 34.44 35.83 32.66	AW
		7-10-07 0600	7.0 4.0 10.0 3900 uS/cm 220 mV 100% DO	7.15 3.82 9.88 3829 224.1 102.2	7.0 4.0 10.0 3900 220 100	32.26 31.67 33.79 32.84 33.21 32.15	AW
		7-11-07 0600	7.0 4.0 10.0 3900 uS/cm 220 mV 100% DO	7.06 3.94 9.96 3881 220.2 89.3	7.0 4.0 10.0 3900 220 100	33.33 33.26 33.41 33.13 32.10 30.27	AW
		7-12-07 0600	7.0 pH 4.0 10.0 3900 221 100% DO	7.00 3.98 10.05 3857 223.5 95.7	7.0 4.0 10.0 3900 221 100	32.70 31.49 32.41 31.54 31.10 31.55	AW
		7-13-07 0600	7.0 pH 4.0 10.0 3900 uS/cm 225 mV 100% DO	6.98 3.96 10.09 3890 225.6 85.8	7.0 4.0 10.0 3900 225 100	32.31 30.23 31.63 29.70 28.83 30.40	AW
		7-16-07 0900	7.0 pH 4.0 10.0 3900 uS/cm 217 mV 100% DO	6.99 4.00 10.02 3955 209.1 75.2	7.0 4.0 10.0 3900 217 100	36.90 37.54 36.43 36.28 37.47 36.10	AW

TEST EQUIPMENT CALIBRATION LOG

PROJECT NAME		PROJECT NUMBER		070709-AW1			
EQUIPMENT NAME	EQUIPMENT NUMBER	DATE/TIME OF TEST	STANDARDS USED	EQUIPMENT READING	CALIBRATED TO: OR WITHIN 10%:	TEMP.	INITIALS
YSI 550	060F 1362A	7/09/07 1105	7.00 pH 10.00 pH 4.00 pH	7.05 10.01 4.03	✓ ✓ ✓	31.53	NH
			3400 cond ORP 218.0 DO%	3450 204.0	✓ ✓	34.50	NH
		7/10/07 620	7.00 pH 10.00 pH 4.00	6.89 10.08 4.05	✓ ✓	32.65	NH
			3400 cond ORP 223 DO%	34.44 224.6	✓ ✓	33.56	NH
		7/11/07 630	7.00 pH 10.00 pH 4.00 pH	6.97 10.03 4.10	✓ ✓ ✓	33.48	NH
			3400 cond ORP 222.0 DO%	3408 216.2 115.5	✓ ✓ ✓	32.99	NH
		7/12/07 630	7.00 pH 10.00 pH 4.00	6.94 10.06 4.14	✓ ✓ ✓	30.30	NH
			3400 cond ORP 224.0 DO%	38.81 225.6	✓ ✓	30.81	NH
		7/13/07 620	7.00 pH 10.00 pH 4.00	6.96 10.12 4.13	✓ ✓ ✓	31.04	NH
			3400 cond ORP 222.0 DO%	38.98 223.5	✓ ✓ ✓	31.33	NH
YSI 550		7/14/07 910	pH 7.00 10.00 4.00	6.94 9.89 3.95	✓ ✓ ✓	35.30	NH
			3400 cond ORP 209.0 DO%	3422 212.4 95.6	✓ ✓ ✓	36.37	NH
		7/14/07 910	7.00 pH 10.00 pH 4.00	6.99 10.02 4.02	✓ ✓ ✓	27.16	